

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number **ST02460LA**

This Certificate issued to

Thales Avionics Inc.
58 Discovery
Irvine, California 92618-3105

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part *25 of the Federal Aviation Regulations.*
(*Certification basis is set forth in Type Certificate Data Sheet A28NM)

Original Product Type Certificate Number:

A28NM

Make:

Airbus

A319-100 Series

Model:

A320-200 Series

A321-200 Series

Description of Type Design Change: Installation of Provisions for Thales Avionics IFS Gatesync In-flight Entertainment (IFE) System in accordance with FAA Approved Thales Avionics Index List, Drawing No. 255423, Revision "A", dated May 17, 2013, or later FAA approved revision.

The Instructions for Continued Airworthiness is called out in its associated Master Drawing Lists (MDL) defined in the above referenced Index List.

This modification has been substantiated to be "no acoustical change" in accordance with 14 CFR 21.93(b).

Limitations and Conditions: This approval should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previous approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft.

Limitations and Conditions continued on Page 3

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator

Date of application: August 22, 2012

Date reissued:

Date of issuance: June 21, 2013

Date amended: August 15, 2013



By direction of the Administrator

(Signature)

Manager, Systems & Equipment Branch, Los
Angeles Aircraft Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.

INSTRUCTIONS: The transfer endorsement below may be used to notify the appropriate FAA Regional Office of the transfer of this supplemental type certificate.

The FAA will reissue the certificate in the name of the transferee and forward it to him.

TRANSFER ENDORSEMENT

Transfer the ownership of the Supplemental Type Certificate Number_____

to *(Name of transferee)*_____

*(Address of transfer)*_____

(Number and street)

(City, State, and Zip code)

from *(Name of grantor)* *(Print or type)*_____

*(Address of grantor)*_____

(Number and street)

(City, State, and Zip code)

Extent of Authority (if licensing agreement):_____

Date of Transfer:_____

Signature of grantor *(In ink)*:_____

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Limitations and Conditions (Continued)

If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

Certification Basis

Based on 14 CFR §§ 21.115 and 21.101, and FAA order 8110.48, the type certification basis for the [Airbus A319-100 Series, A320-200 Series, and A321-200 Series](#) modification of In-flight Entertainment System is in accordance with Type Certificate Data Sheet, [A28NM](#), with the following exceptions:

Regulations at the latest amendment 25-0 through 25-116

[25.29, 25.117, 25.123, 25.301\(a\), 25.303, 25.305\(a\),\(b\), 25.307\(a\), 25.561\(b\)\(3\),\(c\), 25.601, 25.603\(a\),\(b\),\(c\), 25.605\(a\), 25.607\(b\), 25.609\(a\), 25.611, 25.613\(a\),\(b\),\(c\), 25.619, 25.623, 25.625, 25.853\(a\), 25.869\(a\)\(4\), 25.1301\(a\),\(b\),\(c\), 25.1529, Appendix F, Appendix H](#)

Regulations at an intermediate amendment

[25.121 Amendment 25-84, 25.125 Amendment 25-84](#)

Regulation at the amendment level in TCDS A28NM

[25.105, 25.109, 25.111, 25.113, 25.1353\(b\)](#)

Based on 14 CFR § 21.101(g), applicable provision of 14 CFR part 26 is included in the certification basis. For any future part 26 amendments, the holder of this STC must demonstrate compliance with the applicable sections. As of the issuance date of this STC, compliance has been found for the following regulations 14 CFR § 26.11 (Amdt. No. 26-0) and [26.47\(c\),\(d\) \(Amdt. No. 26-1\)](#).

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